



Declaration of
Dov Aharanson

UNITED STATES PATENT AND TRADEMARK OFFICE

In re continuation application of:

Ophira and Dov Aharanson

Serial No. 08/729,341

Art Unit: 2629

Filed: October 16, 1996

Examiner: Wu, Xiao Min

For: METHOD OF AND STATION FOR INTEGRATED TYPED DATA AND
OPTICALLY SCANNED DATA CAPTURE FOR COMPUTER INTERFACING
AND THE LIKE

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DECLARATION OF DOV AHARANSON

Dov Aharanson declares as follows:

1. My name is Dov Aharanson. I am a co-inventor of the above application and I participated in the drafting of the same, at which time I was fully familiar with, and was using the interfaces and protocols of the "IBM PC" host computers of the era (col. 1, l. 47 of my patent 5,623,285, the specification of which is identical to the present divisional application and easier to reference), including their Windows, Unix-X-Windows applications and their inherent common menu and popup selection interfaces. Currently, my company, Key Scan Ltd, is manufacturing and marketing the very type of equipment described and claimed in my application (attached brochure).

2. We have described that a "spool" directory may be used with the host computer receiving the scanned data of the document (col. 6, l. 33). The term "spooling" is defined, for example, in the 1976 Encyclopedia of Computer Science, Anthony Raiston, Ed., Chester L. Meek, Asst. Ed., New York: Petrocelle/Charter, at page 1318, as "simultaneous peripheral operations on line"--"a method of handling low-speed input/output devices commonly implemented in operating systems to increase throughput..." That is, a mechanism enabling the peripheral to operate **simultaneously** with the operation of the computer program that interacts with the device. By using the term "spool directory" in our description of the scanning process, instead of just "directory" or memory, we actually give a clear engineering term for the description that the scanning process and the handling of the data by any of the mentioned applications, such as display, copy and fax which are the "consumers" of the scanned document, is not only immediate, but actually simultaneous to receiving the scanned data from the scanner.

3. We disclose (col. 8, l. 6, on) that the insertion of a document into the scanner activates by itself the scanning function and the application options on the host, such as display, print, copy, fax:

"but when the user inserts a document into the document feeding slot 14, a sensor 4, 4a, senses the document and converts the operation of the device from a regular keyboard (slave input device) into an independent fax or copy machine, where the keyboard-scanner is the master device and the computer is used (transparently to the user) as a slave output device."

We, thus, clearly present here that the inserting of the document triggers the scanning and also activates the PC as a copy or fax application to perform the required functions.

We also disclose in our application the options to select scanning functions using special application selection buttons (FAX, COPY) on the keyboard, since this was at that time a real new feature which no scanner had. Having a menu selection at that time for a Windows application, however, was as common and as obvious as having a Windows application using the computer memory or hard-drive.

Once we disclosed the activation of the application "transparently to the user", it was obvious to all skilled in the art that such application had conventional menu and/or popup dialogs.

The inventive step here was to have the insertion of the document activate the scan process application, and not the fact that the conventional Window application has the customary menu or pop-up user interface.

4. There was not any scanner application in the art before our invention that started automatic scanning when we placed the document in the scanner; but most scanner applications under Macintosh or Windows then inherently had menus or pop-ups.

Being hereby warned that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001, and that such willful false statements may jeopardize the validity of the application or any

resulting patent, I declare that the facts set forth in this declaration are true; all statements of my own knowledge and belief are true, and all statements made on information and belief are believed to be true.

/s/ Dov Aharonson
Dov Aharonson

Date: December 11, 2006